

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>06275-466US1</b>	Application No. <b>10/546,131</b>
	Applicant <b>Moya Caffrey et al.</b>		
	Filing Date <b>August 19, 2005</b>	Group Art Unit <b>1621</b>	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<u>SK</u>	AA	3,464,998	09/02/1969	Krimmel			
	AB	3,471,491	10/07/1969	Venkatachala et al.			
	AC	4,349,552	09/14/1982	Takaya et al.			
	AD	4,751,292	06/14/1988	Fox			
	AE	US 2004/0236109	11/25/2004	Van Straten et al.			
	AF	US 2005/0090524	04/28/2005	Ford et al.			
	AG	6,949,539	09/27/2005	Alcaraz et al.			
	AH	7,129,246	10/31/2006	Alcaraz et al.			
	AI	US 2006/0247257	11/02/2006	Dixon			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<u>SK</u>	AJ	BE 650919 A	07/23/1964	Belgium			English Abstract only	
	AK	DE 1943404 A	12/17/1970	Germany			English Abstract only	
	AL	EP 0002065	05/30/1979	Europe				
	AM	EP 0867436	09/30/1998	Europe			English Abstract only	
	AN	WO 95/04720	02/16/1995	WIPO				
	AO	WO 99/29660	06/17/1999	WIPO				
	AP	WO 99/29661	06/17/1999	WIPO				
	AQ	WO 99/18074	04/15/1999	WIPO				
	AR	WO 00/61569	10/19/2000	WIPO				
	AS	WO 01/42194	06/14/2001	WIPO				
	AT	WO 01/44170	06/21/2001	WIPO				
	AU	WO 02/096426	12/05/2002	WIPO				
	AV	WO 03/042191	05/22/2003	WIPO				

Examiner Signature <b>S. Kumar</b>	Date Considered <b>1/22/07</b>
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							Yes	No
86	AW	WO 03/080579	10/02/2003	WIPO				
	AX	WO 04/073704	09/02/2004	WIPO				
	AY	WO 04/105798	12/09/2004	WIPO				
	AZ	WO 04/105797	12/09/2004	WIPO				
	AAA	WO 04/105796	12/09/2004	WIPO				
	ABB	WO 05/014529	02/17/2005	WIPO				
	ACC	WO 05/025571	03/24/2005	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
86	ADD	Accession No. 2003:42109, CAS Registry No. 487064-48-2, <b>2003</b> .
	AEE	Alcaraz et al., "Preparation of Adamantane Derivatives as P2X7 Receptor Antagonists, CAS Accession No. 2001:904155, <b>2001</b> .
	AFF	Alcaraz et al., "Novel P2X7 Receptor Antagonists" <i>Bioorganic and Medicinal Chemistry Letters</i> , 13:4043-4046 (2003)
	AGG	Baxter et al., "Hit-to-Lead Studies: The Discovery of Potent Adamantane Amide P2X7 Receptor Antagonists," <i>Bioorganic and Medicinal Chemistry Letters</i> , 13:4047-4050 (2003)
	AHH	Bourrie et al., "SSR125329A, A High Affinity Receptor Ligand with Potent Anti-Inflammatory Properties," <i>Eur. J. of Pharm.</i> , 456:123-131 (2002)
	AI	Costakis et al., "Synthesis of Some Adamantane Derivatives of 2-Aminobenzothiazoles", <i>Journal of Medicinal Chemistry</i> 14(12):1222-1223 (1971)
	AJJ	Dell'Antonio et al., "Antinociceptive effect of a new P <sub>2Z</sub> /P2X7 antagonist, oxidized ATP, in arthritic rats", <i>Neuroscience Letters</i> 327:87-90 (2002)
	AKK	Di Virgilio et al., "Purinergic P2X <sub>7</sub> -Receptor: A Pivotal Role in Inflammation and Immunomodulation", <i>Drug Development Research</i> 45:207-213 (1998)
	ALL	Ferrari et al., "Extracellular ATP Triggers IL-1 $\beta$ Release by Activating the Purinergic P2Z Receptor of Human Macrophages", <i>J. Immunol.</i> 159:1451-1458 (1997)
	AMM	Ferrari et al., "Purinergic Modulation of Interleukin-1 $\beta$ Release from Microglial Cells Stimulated with Bacterial Endotoxin", <i>J. Exp. Med.</i> 185(3):579-582 (1997)
	ANN	Henderson et al., "Inhibition of interleukin-1-induced synovitis and articular cartilage proteoglycan loss in the rabbit knee by recombinant human interleukin-1 receptor antagonist", <i>Cytokine</i> 3(3):246-249 (1991)
	AOO	Ho et al., "Synthesis of a Peptidomimetic Tricyclic Tetrahydrobenzo[ <i>ij</i> ] quinoline as a VLA-4 Antagonist", <i>J. Org. Chem.</i> 65:6743-6748, page 6745, scheme 5, (27) (2000)
✓	APP	Humphreys et al., "Modulation of P2X <sub>7</sub> nucleotide receptor expression by pro-and anti-inflammatory stimuli in THP-1 monocytes", <i>Journal of Leukocyte Biology</i> 64:265-273 (1998)

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Other Documents (include Author, Title, Date, and Place of Publication)		
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SC	AQQ	Kadota et al., "Significance of IL-1 $\beta$ and IL-1 receptor antagonist (IL-1Ra) in bronchoalveolar lavage fluid (BALF) in patients with diffuse panbronchiolitis (DPB)", <i>Clin Exp. Immunol.</i> 103:461-466 (1996)
	ARR	Khurana et al., "Clinical aspects of rheumatoid arthritis", <i>Pathophysiology</i> , Volume 12, Issue 3, Abstract (2005)
	ASS	Kirkham, "Interleukin-1, Immune Activation Pathways, and Different Mechanisms in Osteoarthritis and Rheumatoid Arthritis", <i>Annals of the Rheumatic Diseases</i> , 50:395-400 (1991)
	ATT	Li et al., "Should atherosclerosis be considered a cancer of the vascular wall?" <i>Medical Hypotheses</i> , 64:694-698 (2005)
	AUU	Ottersness et al., "Possible Role of IL-1 in Arthritis: Effects of Prostaglandins in the Regulation of IL-1 Synthesis and Actions", <i>Agent Act</i> 39 (Suppl):109-120 (1993)
	AVV	Mackenzie et al., "Could rheumatoid arthritis have an infectious aetiology?" <i>Drug Discovery Today: Disease Mechanism</i> , Volume 2, Issue 3, Abstract (2005)
	AWW	Rains et al., "Sulfasalazine, A review of its Pharmacological Properties and Therapeutic Efficacy in the Treatment of Rheumatoid Arthritis", <i>Drugs</i> 50:137-156 (1995)
	AXX	Richards et al., "Substituted 2-Phenyl-benzimidazole Derivatives: Novel Compounds that Suppress Key Markers of Allergy," <i>Eur. J. of Medic. Chem.</i> , 41:950-969 (2006)
	AYY	Sakito et al., "Interleukin 1 $\beta$ , Tumor Necrosis Factor Alpha, and Interleukin 8 in Bronchoalveolar Lavage Fluid of Patients with Diffuse Panbronchiolitis: A Potential Mechanism of Macrolide Therapy", <i>Respiration</i> 63:42-48 (1996)
	AZZ	Seventh International Symposium on Adenosine & Adenine Nucleotides: "Adenosin-und Purinrezeptoren als Targets neuer Arzneimittel", <i>Deutsche Apotheker Zeitung</i> 142(36):62-65 (2002)
	AAAA	STN International, File REGISTRY, see RN 405068-97-5, 405070-41-9, 405076-22-4, 14 April 2002
	ABBB	STN International, File REGISTRY, see RN 445032-09-7, 30 August 2002
	ACCC	STN International, File CHEMCATS, Accession no. 2001:48444, 14 May 2001, NS18552, 2-Quinolinecarboxamide, N-(tricyclo[3.3.1.1.3,7]dec-1-ylmethyl), CAS Registry No. 313688-07-2
	ADDD	STN International, File REGISTRY, see RN 401622-10-4, 24 March 2002
	AEEE	van den Berg, "Lessons from animal models of osteoarthritis, <i>Curr. Opin. Rheumatol.</i> , 13(5): 452-6 (2001)
✓	AFFF	Yu et al., "Inhibition of IL-1 Release from Human Monocytes and Suppression of Streptococcal Cell Wall and Adjuvant-induced Arthritis in Rats by an Extract of <i>Tripterygium wilfordii</i> Hook", <i>Gen. Pharmac.</i> 25(6):1115-1122 (1994)

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